



FEMA



Prepared by:
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FEMA Region 6 Weather Threat Briefing

Wednesday, April 18, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Elevated/critical fire weather conditions across **NW OK/NW TX** and **NM**.

Thursday

- Critical/extreme fire weather conditions across **W NM**
- Elevated/critical fire weather conditions across **E NM/W TX**.
- Marginal risk area for strong/severe thunderstorms across **S NM/W TX**

Friday

- Slight risk area for severe thunderstorms across **SE NM** into far **W TX**.
- Critical fire weather conditions across **NM/W TX**

Saturday

- Severe thunderstorms across **Central TX**
- Elevated fire weather conditions across **SE NM/W TX**

Sunday

- No significant weather impacts expected

River Flood Status

- River points across **LA/E AR** remain in minor flood stage this week

FEMA Region 6 Threat Matrix

April 18, 2018 – April 22, 2018



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DAY / THREAT	WED	THU	FRI	SAT	SUN
Severe Storms		S NM/W TX	SE NM/W TX	Central TX	
Heavy Rain / Flash Flooding					
Fire Weather	NW OK/NW TX	W NM	SE NM Far West TX		
Winter Weather					
River Flooding	LA/E AR				

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

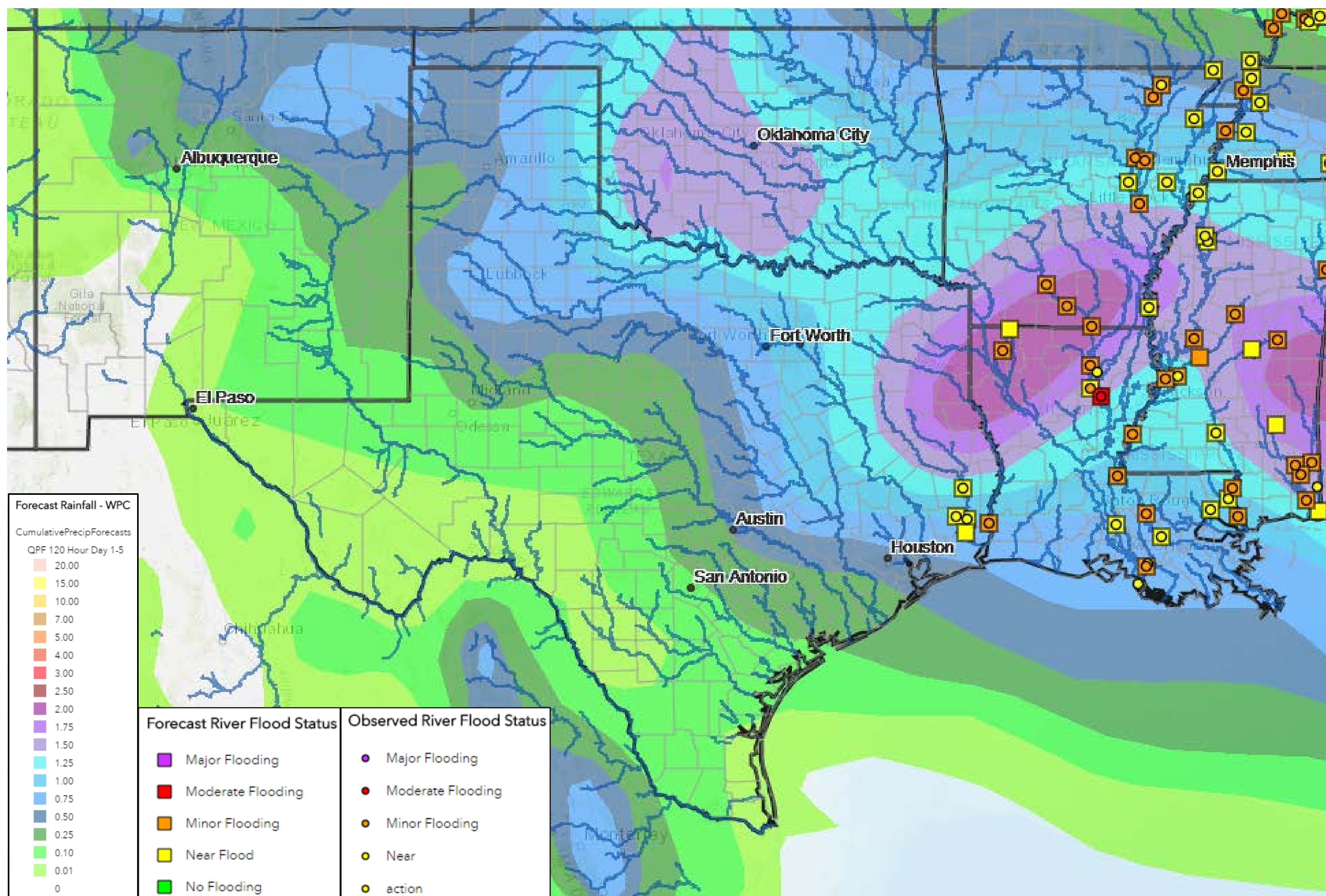
For more details on the colors in the threat matrix refer to the last slide in this briefing.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



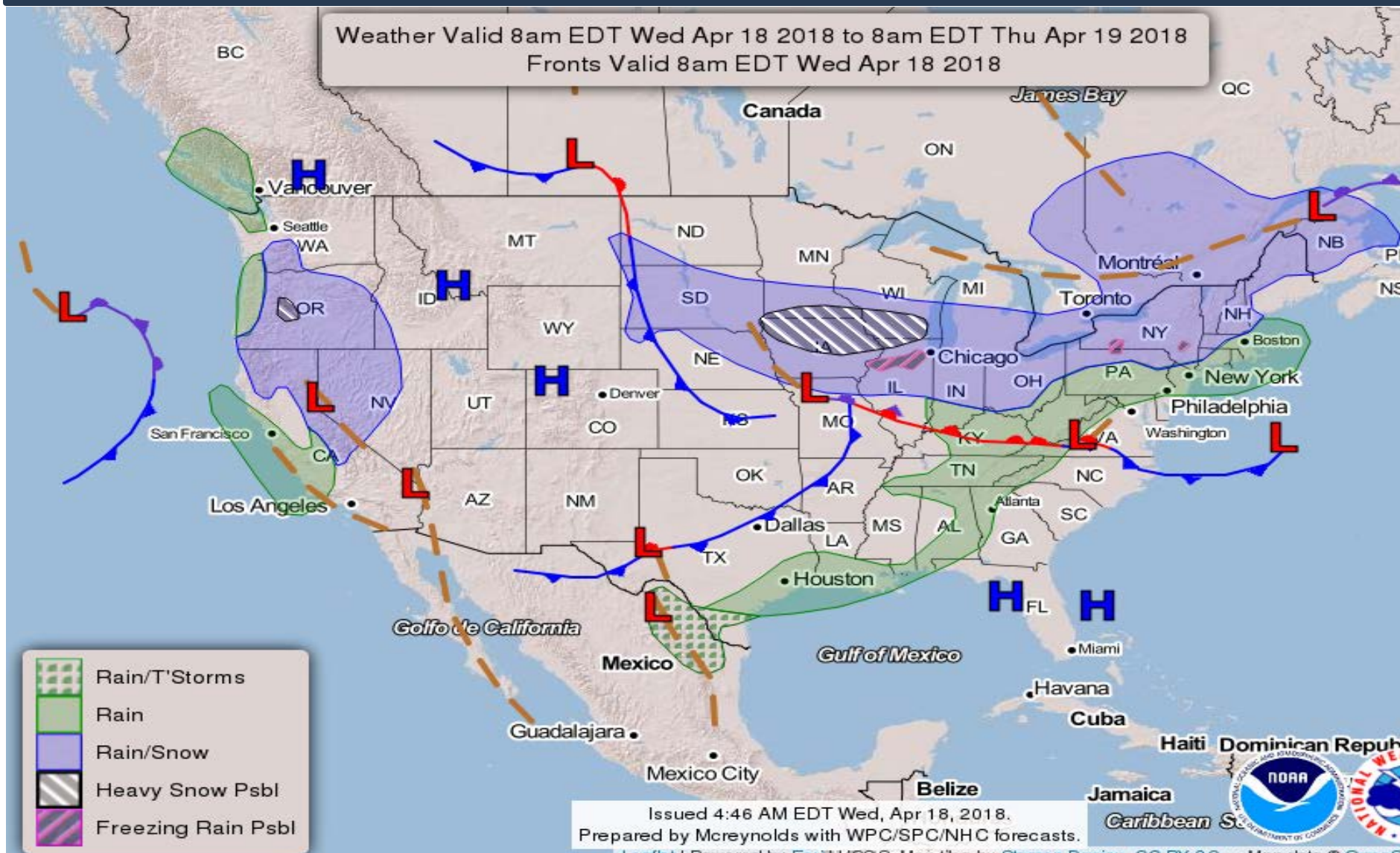
River points across LA/E AR remain in minor flood stage this week.

Today's Weather



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Forecast Chart

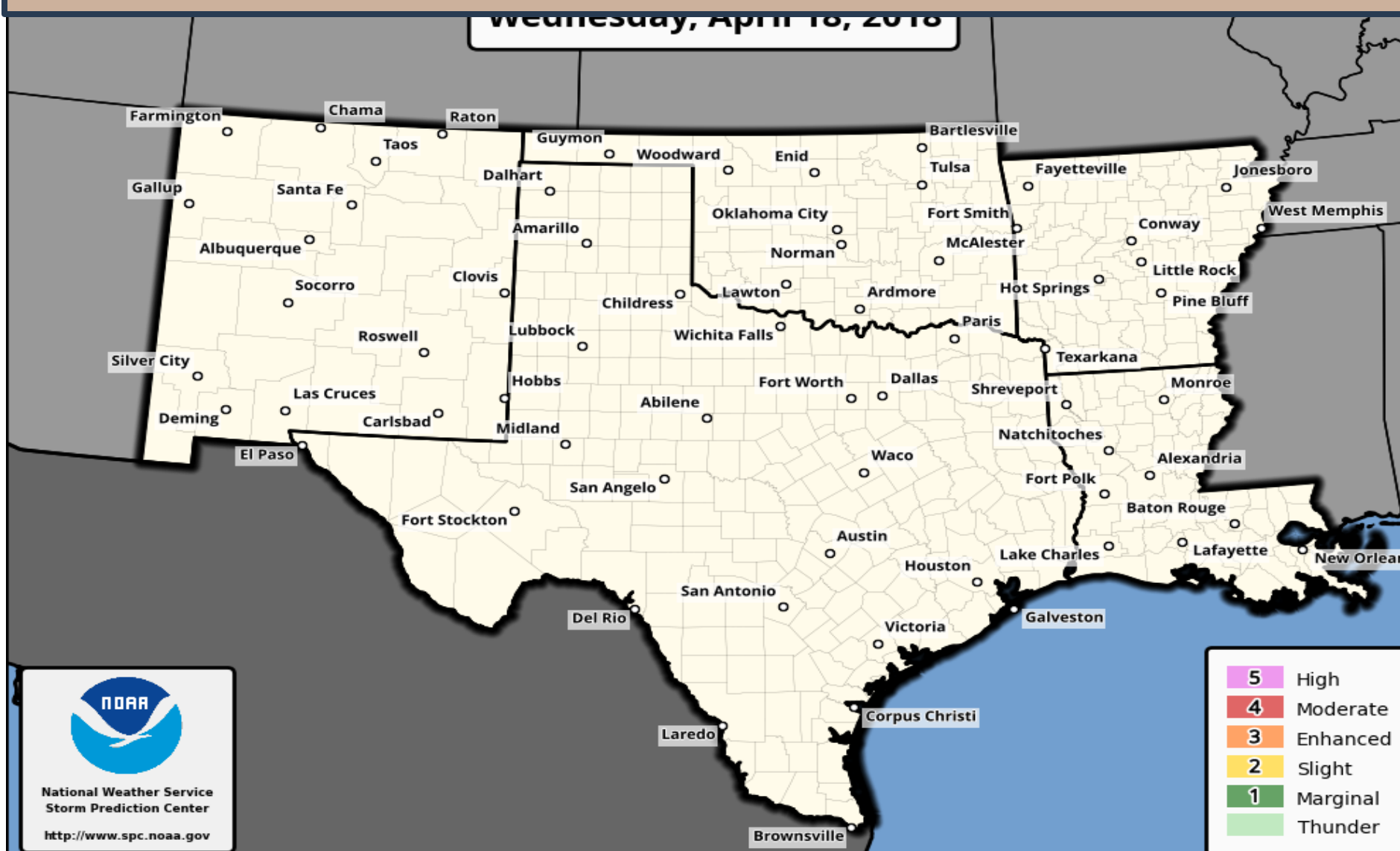


Forecast Rainfall



No Significant Weather expected.

Severe Weather Outlook



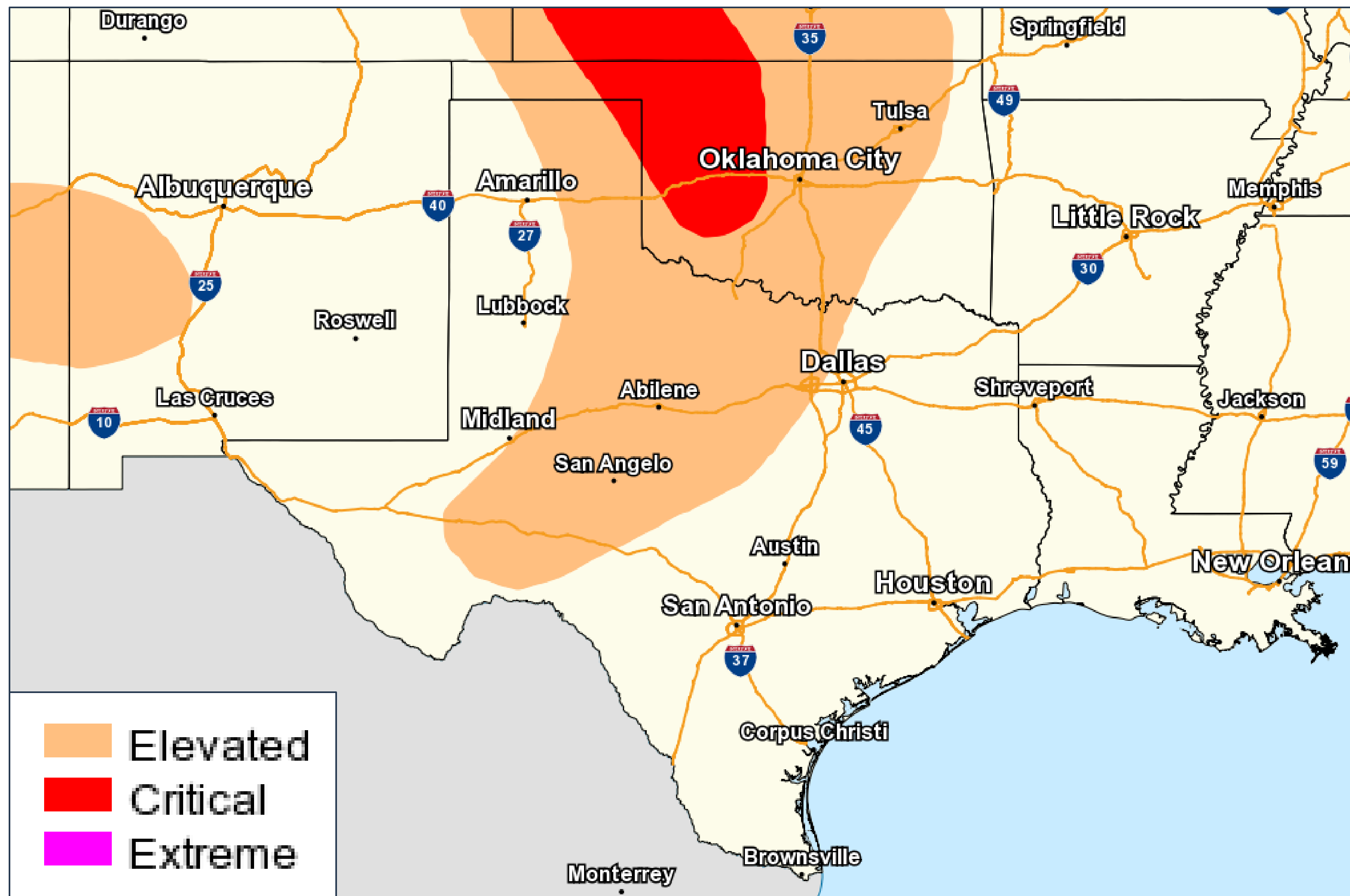
Excessive Rainfall Outlook



Today's Fire Weather Outlook



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**Critical Fire Weather
Conditions over NW OK.**

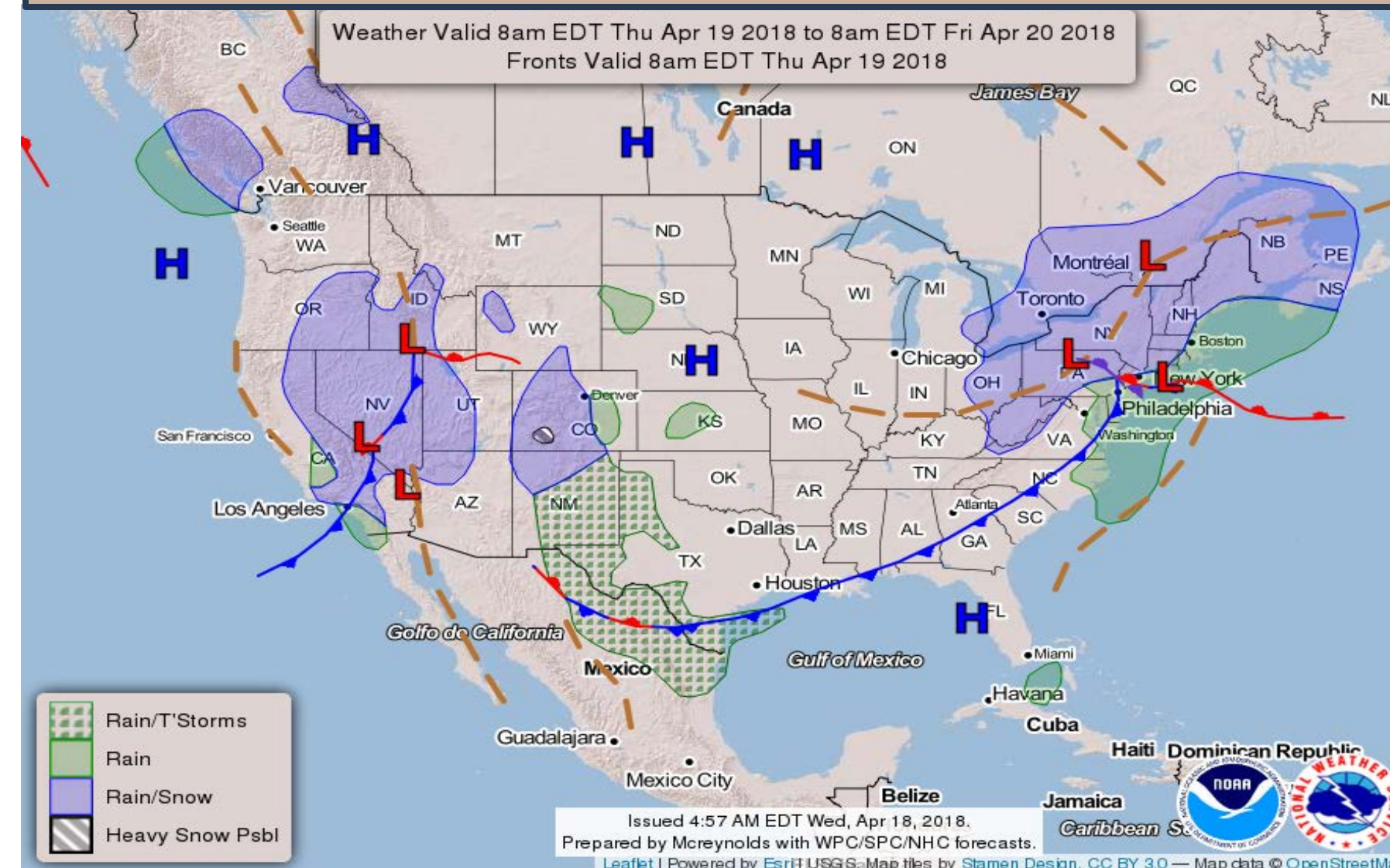
**Elevated Fire Weather
Conditions over OK into W
TX.**

Tomorrow's Weather



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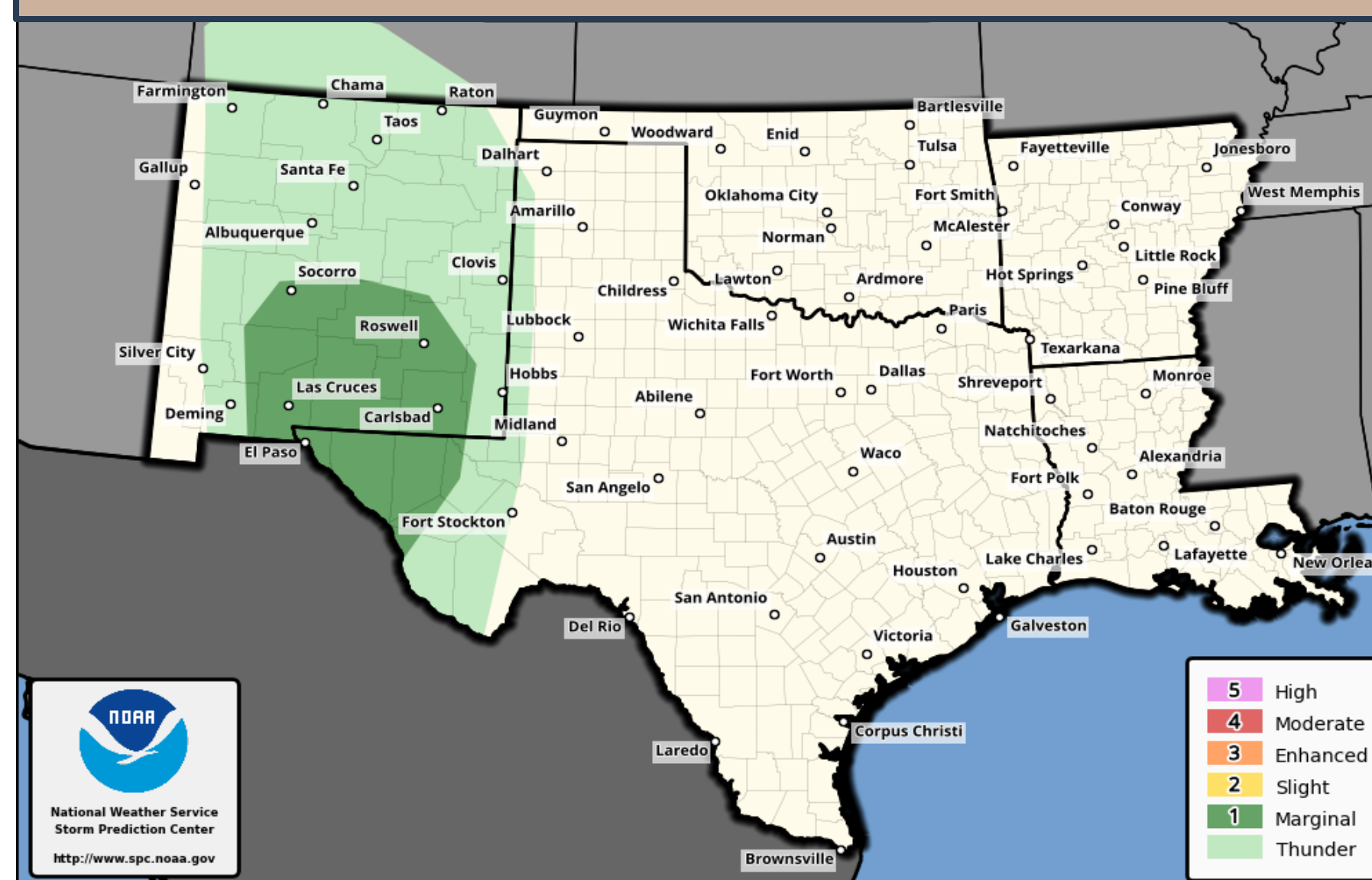
Forecast Chart



Forecast Rainfall



Severe Weather Outlook



Excessive Rainfall Outlook



Marginal Risk of strong/severe thunderstorms across SE NM into Far West TX.

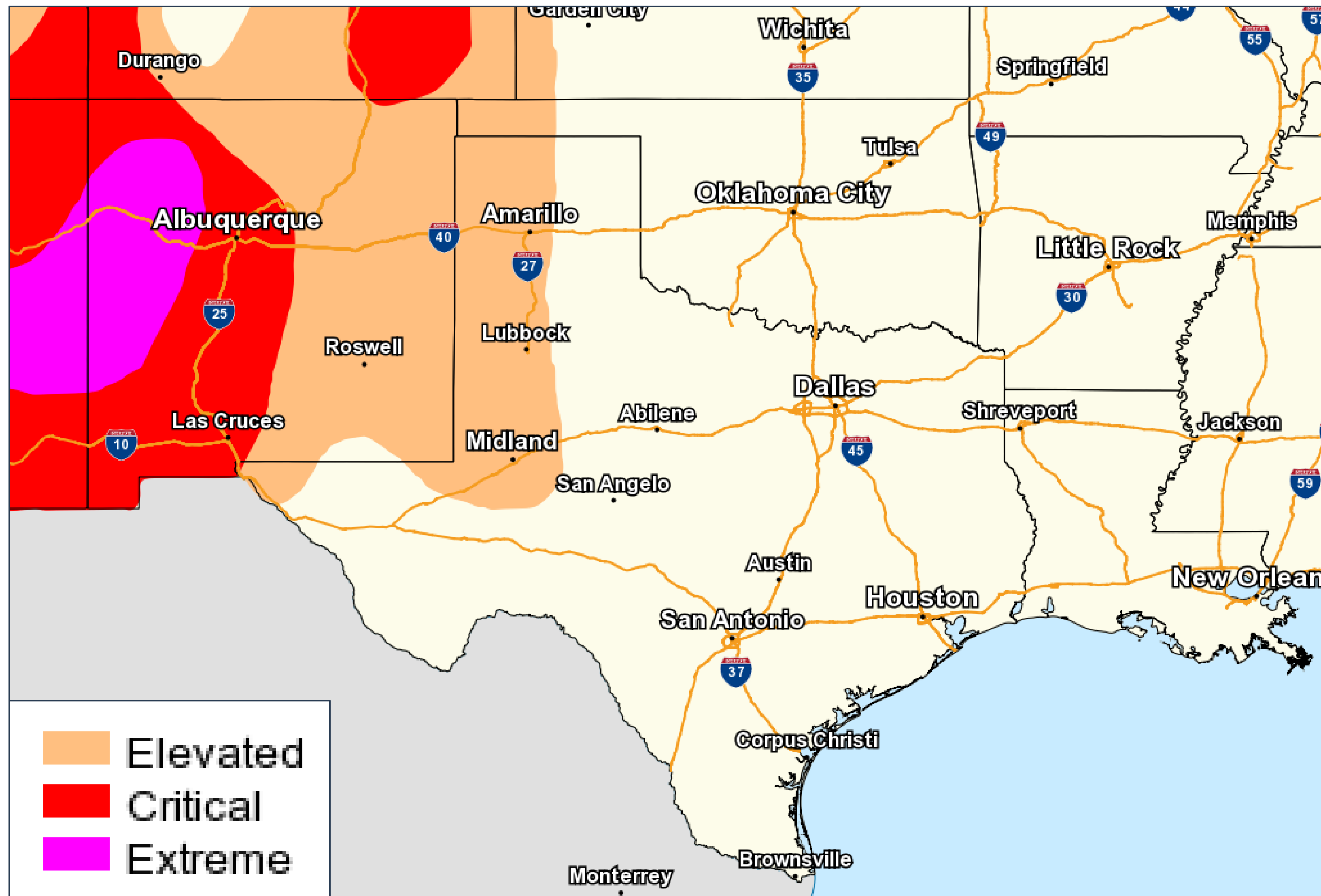
Critical Fire Weather Conditions for Central and W NM.

Tomorrow's Fire Weather Outlook



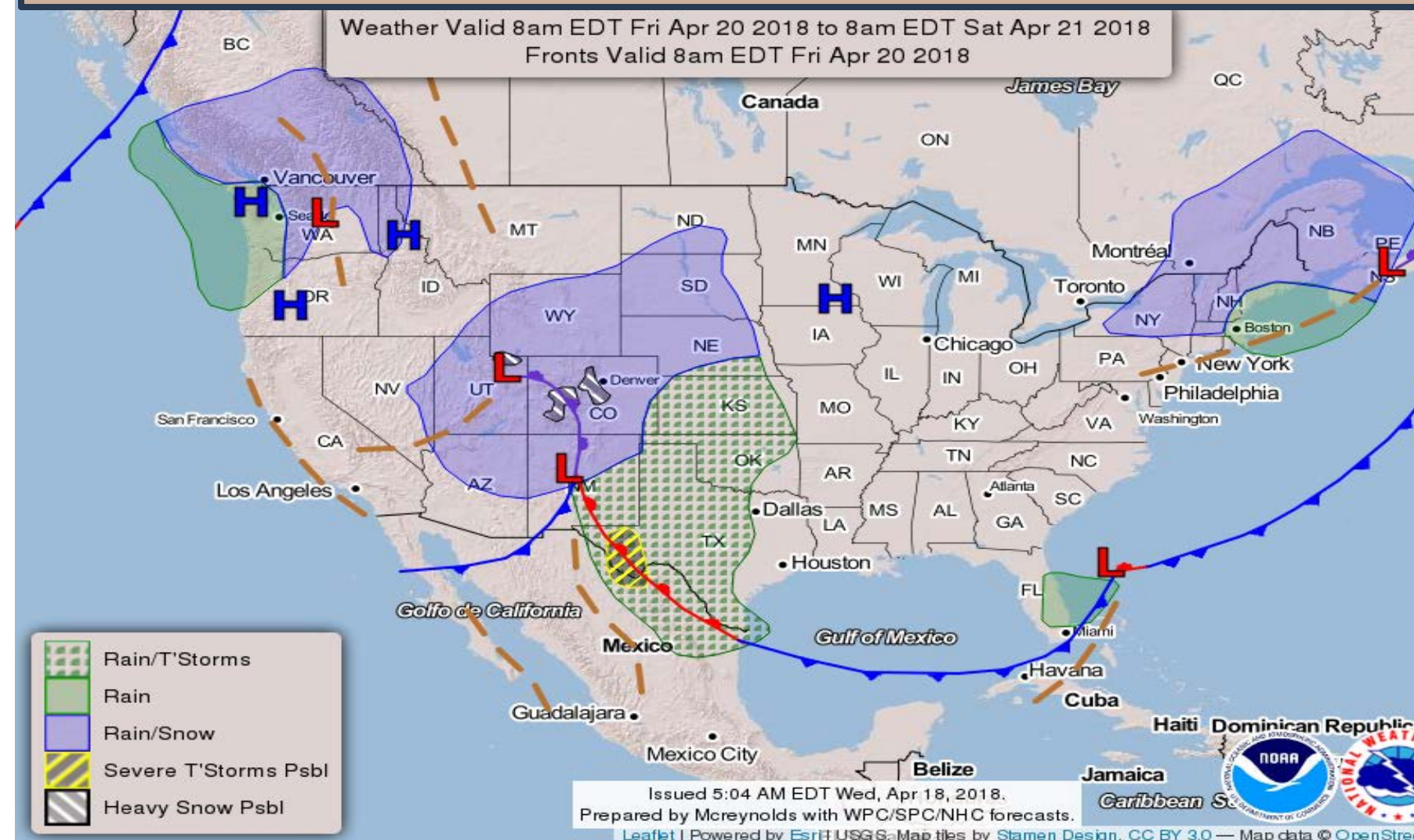
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Critical/extreme fire weather conditions possible over Western/Central NM.

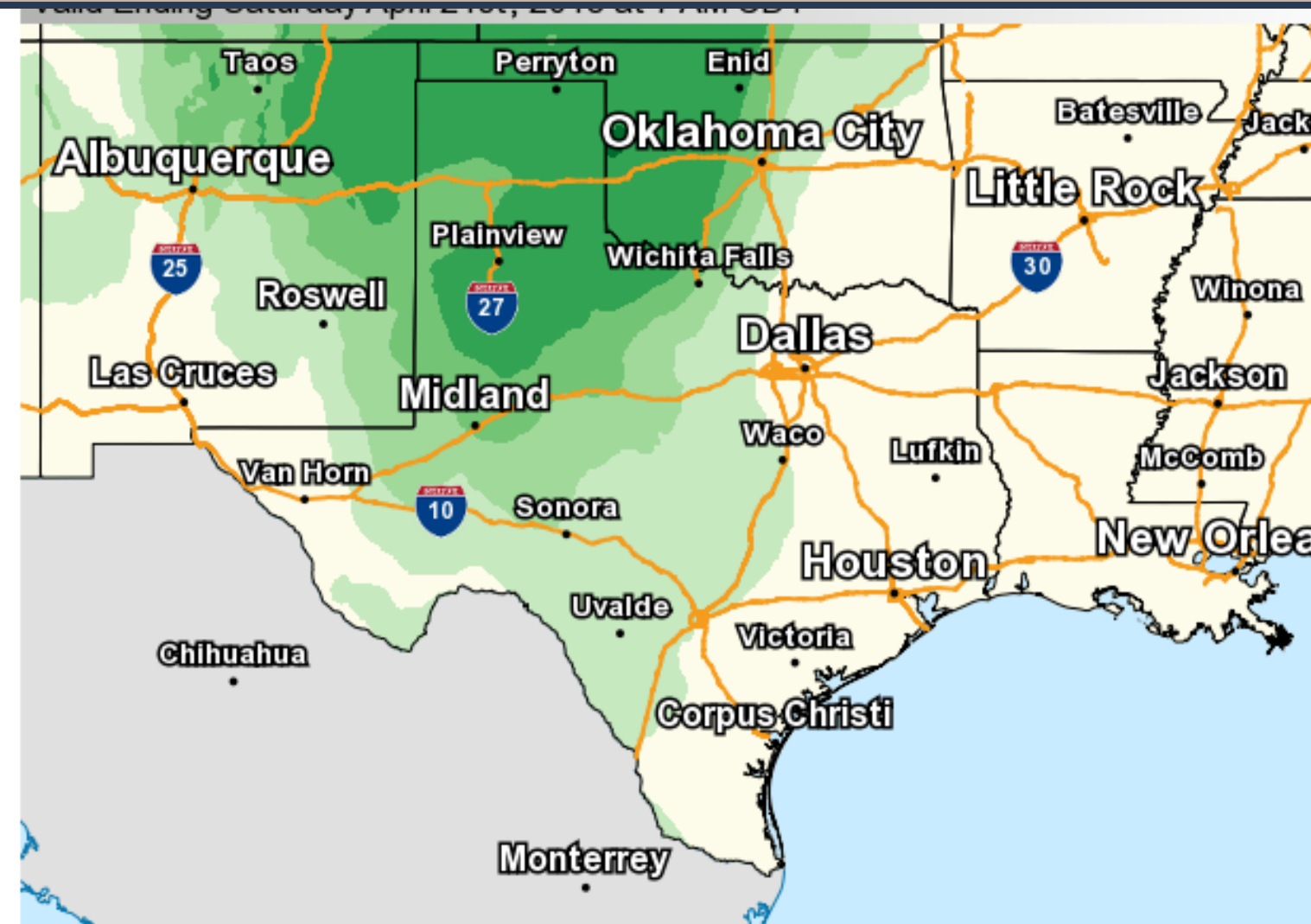
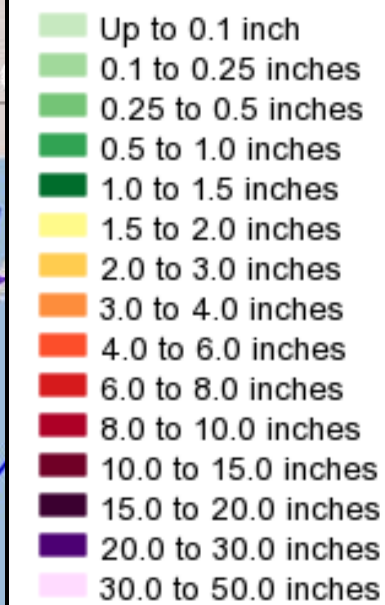


Friday's Weather

Forecast Chart



Forecast Rainfall

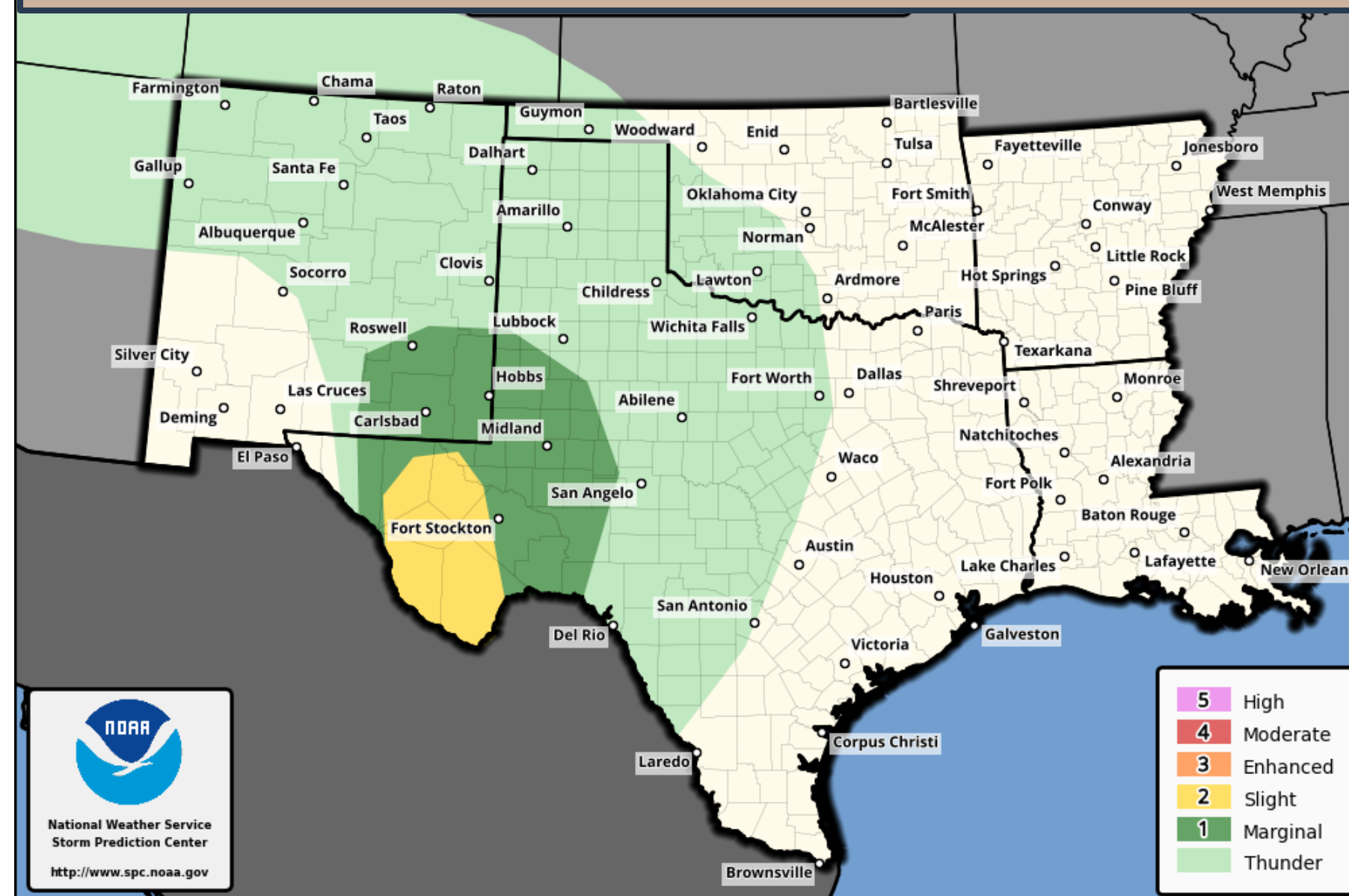


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**Severe thunderstorms
across SE NM/far W TX**

**Critical Fire Weather
Conditions over SE NM
into Far West TX**

Severe Weather Outlook



Excessive Rainfall Outlook

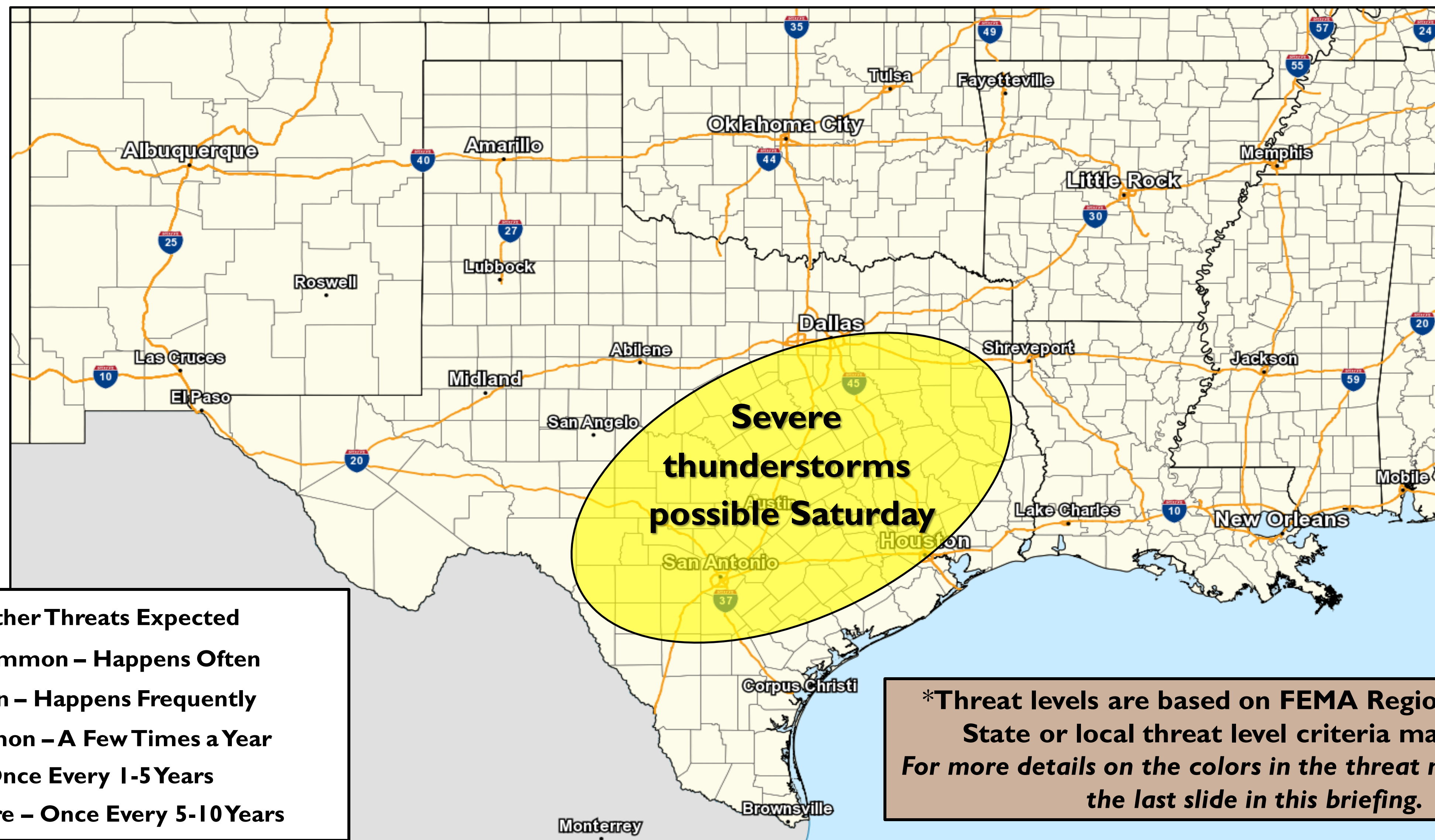


Days 4-5 Weather Hazards

Saturday - Sunday



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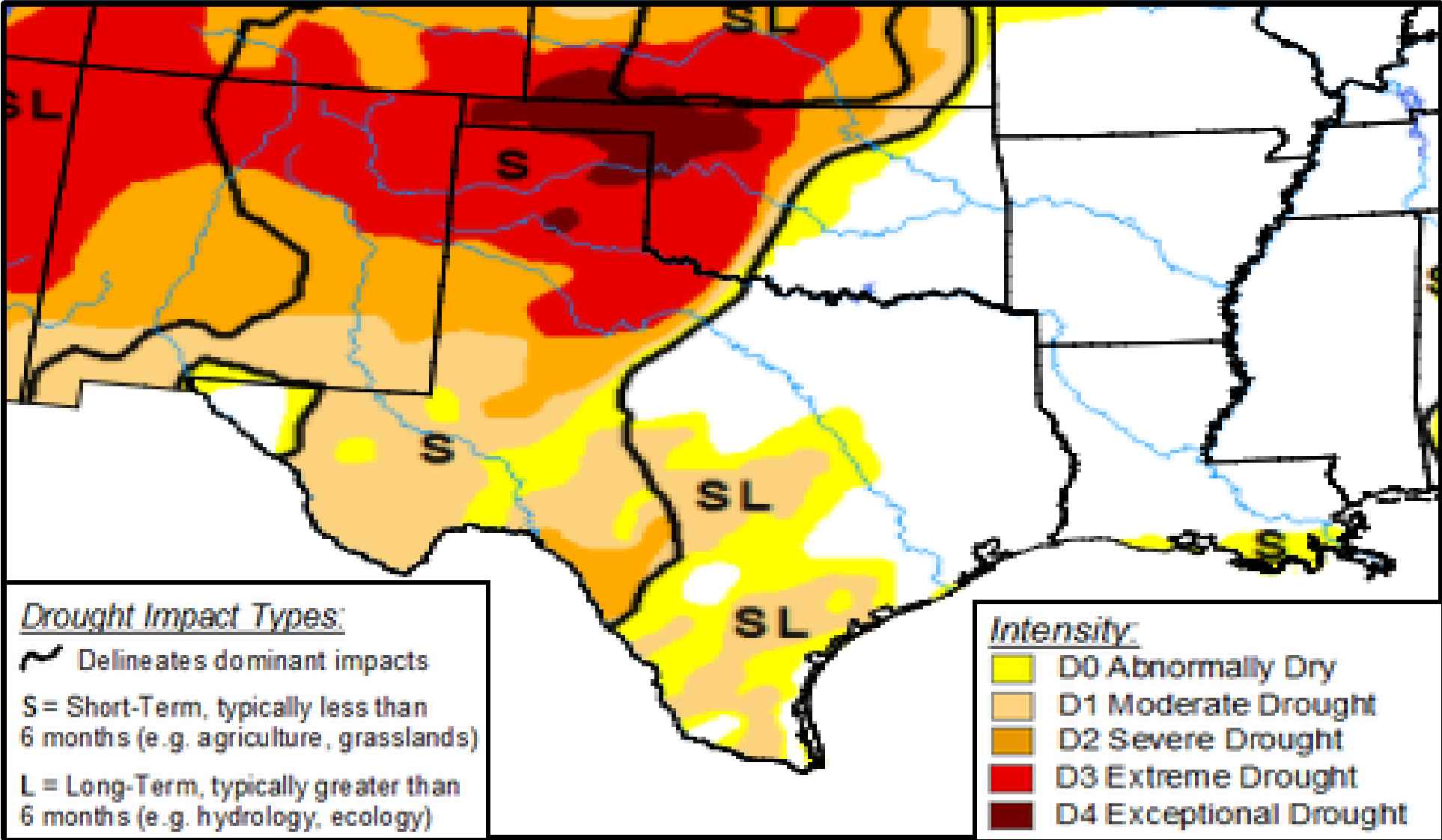
Drought Monitor (Released Apr 12th, 2018)



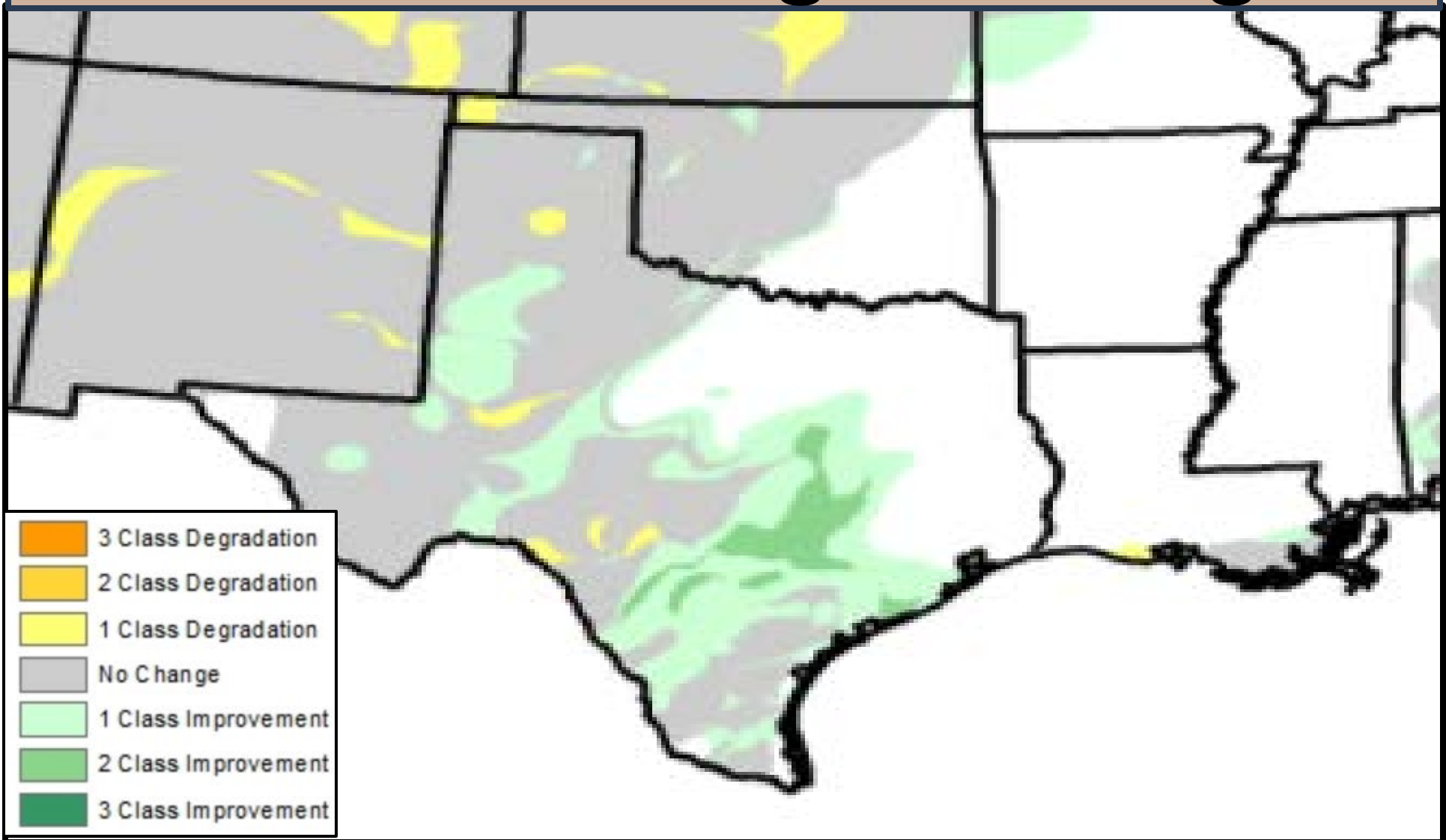
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Data valid as of 7am CDT, Tuesday, April 10rd, 2018

Drought Monitor



One Week Change in Drought



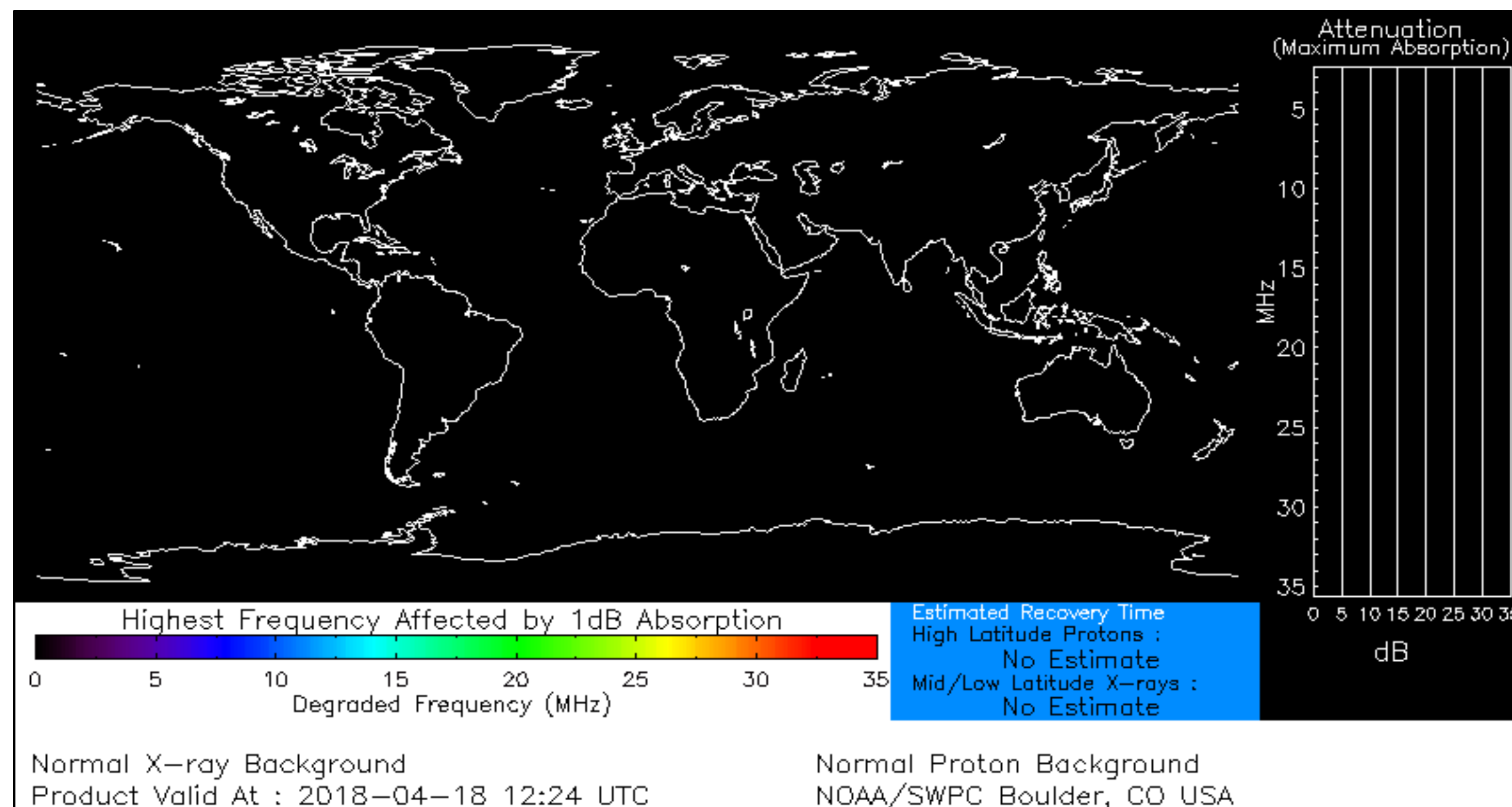
Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)				
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	2.37%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
Oklahoma	34.85%	34.85%	7.03%	0.00%
Texas	13.21%	13.21%	0.39%	0.00%
New Mexico	45.92%	38.87%	0.00%	0.00%

Space Weather 3-Day Forecast



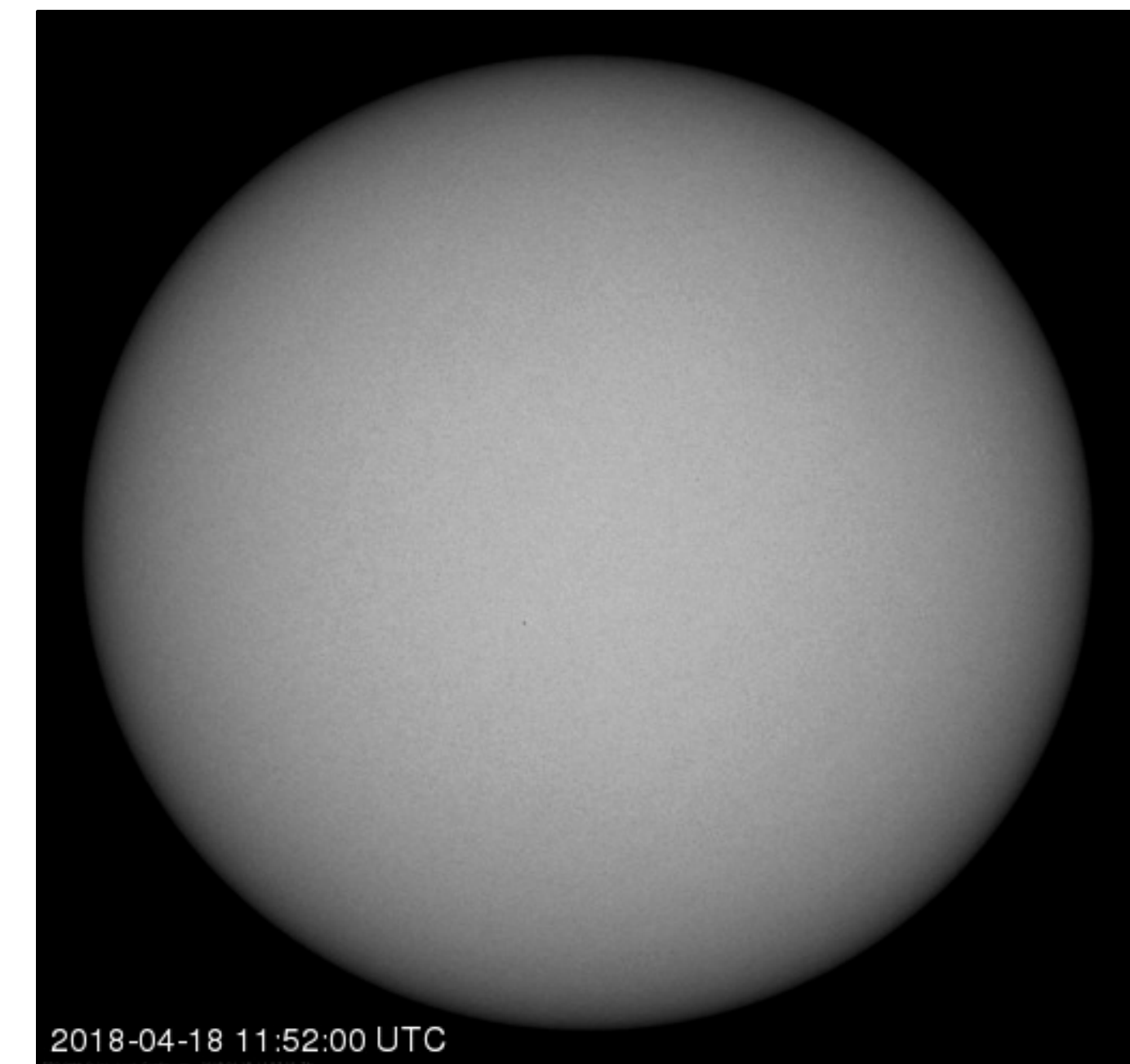
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





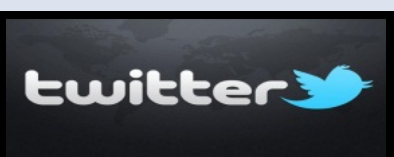
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov